

ProjectorCentral.com – Mid Range



Optoma
HD20
(remove)



Canon
LV-8310
(remove)



BenQ
W1000+
(remove)



ViewSonic
Pro8200
(remove)

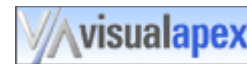
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Reviews

ProjectorCentral
Users



**
**



Basics
















Avg Street Price (USD)	\$974.00	\$820.00	\$999.00	\$992.00
MSRP (USD)	**	**	\$1,499	\$1,499
Warranty	1 Year	3 Years	**	3 Years
Brightness (Lumens)	1700 ANSI	3000 ANSI	2000 ANSI	2000 ANSI
Contrast (Full On/Off)	4000:1	500:1	3500:1	4000:1
Speakers	⊘	7.0W Mono	3.0W Mono	10.0W+ 10.0W
Audible Noise	34.0 dB	35.0 dB	28.0 dB	31.0 dB

Weight & Dimensions

Weight	6.4 lbs	7.3 lbs	7.5 lbs	8.5 lbs
Size (inches) (HxWxD)	3.8 x 12.8 x 9.2	4.4 x 12.5 x 13.2	3.7 x 12.8 x 10.0	4.3 x 13.1 x 10.4


Compatibility

HDTV Formats	720p, 1080i, 1080p/60	720p, 1080i, 576i, 576p	720p, 1080i, 1080p/60, 576i, 576p	720p, 1080i, 1080p/24, 1080p/25, 1080p/30, 576i, 576p
EDTV/480p	✓	✓	✓	✓
SDTV/480i	✓	✓	✓	✓
Component Video	✓	✓	✓	✓
Standard Video	✓	✓	✓	✓
Digital Input	HDMI	DVI-I (HDCP)	HDMI	HDMI
Personal Computers	✓	✓	✓	✓

Optical Features				
Throw Dist <small>(feet)</small>	5.2 - 32.7 	3.2 - 32.6 	4.2 - 28.9 	4.6 - 30.8 
Image Size <small>(inches)</small>	40.0 - 300.0	25.0 - 300.0	30.0 - 250.0	30.0 - 300.0
Zoom Lens	Manual, 1.20:1	Manual, 1.20:1	Manual, 1.20:1	Manual, 1.50:1
Digital Zoom	**	**	**	
Lens Focus	Manual	Manual	Manual	Manual
Lens Shift				
Digital Keystone	Vertical	Vertical	Vertical	Vertical
Lens Options				
Variable Iris	**			**
Light Source				
Type	230W P-VIP	230W NSH	**	**
Life	3000 hours	4000 hours	4000 hours	4000 hours
Quantity	1	1	1	1
Display Attributes				
Native Resolution	1920x1080	1280x800	1920x1080	1920x1080
Maximum Resolution	1920x1080	1600x1200	1920x1200	1920x1080
Aspect Ratio	16:9 (HD)	16:10 (WXGA)	16:9 (HD)	16:9 (HD)
Display Type	0.7" DLP(1)	0.6" 3 LCD	DLP(1)	0.7" DLP(1)
Electronics				
H-Sync Range	15.0 - 91.0kHz	15.0 - 100.0kHz	31.0 - 90.0kHz	30.0 - 100.0kHz
V-Sync Range	24 - 85Hz	50 - 120Hz	50 - 85Hz	50 - 85Hz
Pixel Clock	**	108 MHz max	**	**
Maximum Power	308W	294W	250W	310W
Voltage	100V - 240V	100V - 240V	100V - 240V	100V - 240V
FCC Class	B	**	B	B
Production Status				
Status	Shipping	Shipping	Shipping	Shipping
First Shipment	Aug 2009	Apr 2010	Oct 2010	Nov 2010
Last Shipment	**	**	**	**
Special Feature & Comments				
Special	USB Port	RS232 Port Soft Carrying Case Blackboard Mode	RS232 Port USB Port Closed Captioning	RS232 Port USB Port Closed Captioning
Comments	Warranty varies by country			
** this item is either not applicable, unpublished, or unknown - (03/01/11 - 03:24 PM PST)				

Optoma HD20 Projector

Manual - http://www.projectorcentral.com/pdf/projector_manual_5039.pdf

Street Price (USD) :	\$982	
MSRP (USD) :	**	
Brightness (Lumens) :	1700 ANSI	
Contrast (Full On/Off) :	4000:1	
Variable Iris:	**	
Audible Noise:	34.0 dB	
	<i>Eco-Mode:</i> 32.0 dB	
Weight:	6.4 lbs	
Size (inches) (HxWxD) :	3.8 x 12.8 x 9.2	
	Std. Lens:	<i>Focus:</i>
	Manual	
	<i>Zoom:</i> Manual, 1.20:1	
Throw Dist (feet) : 	5.2 - 32.7	
Image Size (inches) :	40.0 - 300.0	
	<i>Optional Lenses:</i> No	
Digital Zoom:	**	
Digital Keystone:	Vertical	
Lens Shift:	No	
Warranty:	1 Year	
Performance:		
	<i>H-Sync Range:</i> 15.0 - 91.0kHz	
	<i>V-Sync Range:</i> 24 - 85Hz	
Compatibility:		
	<i>HDTV:</i> 720p, 1080i, 1080p/60	
	<i>EDTV/480p:</i> Yes	
	<i>SDTV/480i:</i> Yes	
	<i>Component Video:</i> Yes	
	<i>Video:</i> Yes	
	<i>Digital Input:</i> HDMI	
	<i>Computers:</i> Yes	
	Display:	<i>Type:</i>
	0.7" DLP (1)	
	<i>Color Wheel Segs:</i> 6	
	<i>Color Wheel Speed:</i> 4x	
	<i>Native:</i> 1920x1080 Pixels	
	<i>Maximum:</i> 1920x1080 Pixels	
	<i>Aspect Ratio:</i> 16:9 (HD)	
	Light Source:	<i>Type:</i>
	230W P-VIP	
	<i>Life:</i> 3000 hours	
	<i>Eco-Mode Life:</i> 4000 hours	
	<i>Quantity:</i> 1	
Speakers:	No	
Max Power:	308W	


Voltage:	100V - 240V	
FCC Class:	B	
Special:	USB Port	
Status:	Shipping	
First Ship:	Aug 2009	

- ✎ <http://www.retrevo.com/s/Optoma-HD20-Projectors-review-manual/id/23516ag112/t/1-2/> - \$899
- ✎ http://www.amazon.com/s/?ie=UTF8&keywords=optoma+hd20+projector&tag=googhydr-20&index=aps&hvadid=4106290555&ref=pd_sl_74gqufx818_e - \$900

Reviews – approx 4.5 / 5

Canon LV-8310 Projector

Manual - http://www.projectorcentral.com/pdf/projector_manual_5567.pdf

Street Price (USD) :	\$820	
MSRP (USD) :	**	
Brightness (Lumens) :	3000 ANSI	
Contrast (Full On/Off) :	500:1	
Variable Iris:	No	
Audible Noise:	35.0 dB	
	<i>Eco-Mode:</i> 29.0 dB	
Weight:	7.3 lbs	
Size (inches) (HxWxD) :	4.4 x 12.5 x 13.2	
	Std. Lens:	<i>Focus:</i>
	Manual	
	<i>Zoom:</i> Manual, 1.20:1	
Throw Dist (feet) : 	3.2 - 32.6	
Image Size (inches) :	25.0 - 300.0	
	<i>Optional Lenses:</i> No	
Digital Zoom:	**	
Digital Keystone:	Vertical	
Lens Shift:	No	
Warranty:	3 Years	
Performance:		
	<i>H-Sync Range:</i> 15.0 - 100.0kHz	
	<i>V-Sync Range:</i> 50 - 120Hz	
Compatibility:		
	<i>HDTV:</i> 720p, 1080i, 576i 576p	
	<i>EDTV/480p:</i> Yes	
	<i>SDTV/480i:</i> Yes	
	<i>Component Video:</i> Yes	
	<i>Video:</i> Yes	
	<i>Digital Input:</i> DVI-I (HDCP)	
	<i>Computers:</i> Yes	
	Display:	<i>Type:</i>
	0.6" 3 LCD	
	<i>Native:</i> 1280x800 Pixels	
	<i>Maximum:</i> 1600x1200 Pixels	
	<i>Aspect Ratio:</i> 16:10 (WXGA)	
	Light Source:	<i>Type:</i>
	230W NSH	
	<i>Life:</i> 4000 hours	
	<i>Eco-Mode Life:</i> 5000 hours	

Quantity: 1

Speakers:	7.0 W Mono
Max Power:	294W
Voltage:	100V - 240V
FCC Class:	**
Special:	RS232 Port Soft Carrying Case Blackboard Mode
Status:	Shipping
First Ship:	Apr 2010


** this item is either not applicable, unpublished, or unknown

- ✎ <http://www.retrevo.com/s/Canon-LV-8310-Projectors-review-manual/id/23658dj496/t/1-2/> - \$819
- ✎ http://www.amazon.com/s/ref=nb_sb_noss?url=search-alias%3Daps&field-keywords=canon+lv-8310+projector&rh=i:aps,k:canon+lv-8310+projector&ajr=3 - \$815
- ✎ http://www.bhphotovideo.com/c/product/683268-REG/Canon_4328B002_LV_8310_WXGA_LCD_Projector.html - \$730

Reviews – approx 5 / 5

BenQ W1000 plus Projector

Manual - http://www.projectorcentral.com/pdf/projector_manual_5954.pdf

Street Price (USD) :	\$1,060	
MSRP (USD) :	\$1,499	
Brightness (Lumens) :	2000 ANSI	
	<i>Eco-Mode</i> (Lumens): 1440 ANSI	
Contrast (Full On/Off) :	3500:1	
Variable Iris:	No	
Audible Noise:	28.0 dB	
	<i>Eco-Mode:</i> 26.0 dB	
Weight:	7.5 lbs	
Size (inches) (HxWxD) :	3.7 x 12.8 x 10.0	
	Std. Lens:	<i>Focus:</i>
	Manual	
	<i>Zoom:</i> Manual, 1.20:1	
Throw Dist (feet) : 	4.2 - 28.9	
Image Size (inches) :	30.0 - 250.0	
	<i>Optional Lenses:</i> No	
Digital Zoom:	**	
Digital Keystone:	Vertical	
Lens Shift:	No	
Warranty:	**	
Performance:		
	<i>H-Sync Range:</i> 31.0 - 90.0kHz	
	<i>V-Sync Range:</i> 50 - 85Hz	
Compatibility:		
	<i>HDTV:</i> 720p, 1080i, 1080p/60 576i, 576p	
	<i>EDTV/480p:</i> Yes	
	<i>SDTV/480i:</i> Yes	
	<i>Component Video:</i> Yes	
	<i>Video:</i> Yes	
	<i>Digital Input:</i> HDMI 1.3	
	<i>Computers:</i> Yes	
	Display:	<i>Type:</i>
	DLP (1)	
	<i>Color Wheel Segs:</i> 6	
	<i>Color Wheel Speed:</i> **	
	<i>Native:</i> 1920x1080 Pixels	
	<i>Maximum:</i> 1920x1200 Pixels	
	<i>Aspect Ratio:</i> 16:9 (HD)	
	Light Source:	<i>Type:</i>
	180W **	


	Life: 4000 hours
	Eco-Mode Life: 5000 hours
	Quantity: 1
Speakers:	3.0 W Mono
Max Power:	250W
Voltage:	100V - 240V
FCC Class:	B
Special:	RS232 Port USB Port Closed Captioning
Status:	Shipping
First Ship:	Oct 2010
** this item is either not applicable, unpublished, or unknown	
Comments: Warranty varies by country	
The BenQ W1000+ is manufactured by BenQ .	

- ✈ <http://www.retrevo.com/s/Benq-W1000%2B-Projectors-review-manual/id/23869bh250/t/1-2/> - \$995.99
- ✈ http://www.amazon.com/s/?ie=UTF8&keywords=optoma+hd20+projector&tag=googhydr-20&index=aps&hvadid=4106290555&ref=pd_sl_74ggufx818_e#/ref=nb_sb_ss_i_0_10?url=search-alias%3Daps&field-keywords=benq+w1000&srefix=benq+w1000&rh=i%3Aaps%2Ck%3Abenq+w1000 - \$999

Reviews – approx 4.5 / 5

ViewSonic Pro8200 Projector

Manual - http://www.projectorcentral.com/pdf/projector_manual_5996.pdf

Street Price (USD) :	\$992	
MSRP (USD) :	\$1,499	
Brightness (Lumens) :	2000 ANSI	
Contrast (Full On/Off) :	4000:1	
Variable Iris:	**	
Audible Noise:	31.0 dB	
	<i>Eco-Mode:</i> 27.0 dB	
Weight:	8.5 lbs	
Size (inches) (HxWxD) :	4.3 x 13.1 x 10.4	
	Std. Lens:	<i>Focus:</i>
	Manual	
	<i>Zoom:</i> Manual, 1.50:1	
Throw Dist (feet) : 	4.6 - 30.8	
Image Size (inches) :	30.0 - 300.0	
	<i>Optional Lenses:</i> No	
Digital Zoom:	Yes	
Digital Keystone:	Vertical	
Lens Shift:	No	
Warranty:	3 Years	
Performance:		
	<i>H-Sync Range:</i> 30.0 - 100.0kHz	
	<i>V-Sync Range:</i> 50 - 85Hz	
Compatibility:		
	<i>HDTV:</i> 720p, 1080i, 1080p/24	
	1080p/25, 1080p/30, 576i	
	576p	
	<i>EDTV/480p:</i> Yes	
	<i>SDTV/480i:</i> Yes	
	<i>Component Video:</i> Yes	
	<i>Video:</i> Yes	
	<i>Digital Input:</i> HDMI 1.3	
	<i>Computers:</i> Yes	
	Display:	<i>Type:</i>
	0.7" DLP (1)	
	<i>Color Wheel Segs:</i> 7	
	<i>Color Wheel Speed:</i> **	
	<i>Native:</i> 1920x1080 Pixels	
	<i>Maximum:</i> 1920x1080 Pixels	
	<i>Aspect Ratio:</i> 16:9 (HD)	
	Light Source:	<i>Type:</i>

	230W	**
	<i>Life:</i>	4000 hours
	<i>Eco-Mode Life:</i>	6000 hours
	<i>Quantity:</i>	1
Speakers:	10.0 W × 2	
Max Power:	310W	
Voltage:	100V - 240V	
FCC Class:	B	
Special:	RS232 Port	
	USB Port	
	Closed Captioning	
Status:	Shipping	
First Ship:	Nov 2010	
** this item is either not applicable, unpublished, or unknown		

- ✈ <http://www.retrevo.com/s/Viewsonic-Pro8200-Projectors-review-manual/id/23824ag021/t/1-2/> - \$929
- ✈ http://www.amazon.com/s/ref=nb_sb_ss_i_0_17?url=search-alias%3Daps&field-keywords=viewsonic+pro8200&srefix=viewsonic+pro8200 - \$929.99

Reviews – approx 4.5 / 5